AMATYC 2020 Virtual Conference Schedule
November 6 – hosted by Hawkes Learning

Go to www.hawkeslearning.com/amatyc2020 and complete a simple sign-in. Browse the Agenda and start choosing your sessions (times Eastern). Links to the sessions will appear on the Agenda page on Friday.

Between sessions, stop by the AMATYC 2021 Conference Booth to learn about next year's conference and talk with members of the Phoenix Local Events Committee!

<table>
<tr>
<td>11:00 – 11:45 ET</td>
<td colspan="4">1A
Keynote Address Sponsored by Hawkes Learning
Dr. Janet Zadina - Addressing Faculty Anxiety, Stress, and Trauma: Recover, Renew, and Rewire
People cannot perform at their potential when highly stressed. Anxiety, stress, and trauma impair memory, attention span, critical thinking, and many more crucial faculties. It is imperative to address this during the challenging times caused by COVID-19. The trauma faculty may experience personally can have far-reaching effects, even affecting students as they, too, navigate this high-stress situation. Helping teachers reduce stress and protect their mental and physical health during this time is a major priority that can positively impact student performance. This presentation will teach faculty, staff, and administrators stress-reducing strategies that allow for recovery and help them rewire negative patterns in their brains to move towards resilience and greater happiness.</td>
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<td>12:00 – 12:45 ET</td>
<td>2A
Project-Based Learning in Precalculus
Project-Based Learning (PBL) provides students the opportunity to develop knowledge and skills through engaging projects related to real-world problems, and to learn through doing. Help your students to see the connection between math and other STEM subjects by implementing the PBL projects from the presenters' precalculus courses.

Fan Chen
El Paso CC, El Paso, TX
Adrian Delgado
El Paso CC, El Paso, TX

MI, SM</td>
<td>2B
Faculty Ownership of Equity: Is Your Vision Really 2020?
This session is designed for faculty – especially those with students of color – who believe, "I don't need equity training; I treat everyone the same." Learn how faculty introspection can improve racial awareness and understanding. Attendees will consider prompts individually or in groups to model healthy ways to talk about race.

Anne Vance
Austin CC
Austin, TX

EQ, IG</td>
<td>2C
Collaboration and Mindsets in a Virtual Mathematics Experience
Take a deep dive into the collaborative learning structures and data-driven socio-emotional interventions present in a new virtual entry-level mathematics learning experience. This session will engage participants in experiential activities that demonstrate how collaborative learning and socio-emotional strategies are represented in a new digital mathematics course.

Mel Taylor
Ridgewater CC
Willmar, MN
Lewis Hosie
Carnegie Math Pathways at WestEd
Redwood City, CA

SM, TL</td>
<td>2D (sponsored by Hawkes Learning)
Tips for Teaching Online Math Courses
Join Dr. Latrice Bowman of the University of Alaska Fairbanks as she shares her expertise on teaching both synchronous and asynchronous online math courses. Dr. Bowman will present on teaching methods that she has found to work well in the online learning environment and tools that are useful to deliver online courses. She will recommend tools that are simple to set up for faculty new to the virtual environment, as well as advanced options for those with more experience in online education. Discussion topics will include online and written homework, exams and proctoring, collaboration and communication with students, and more.

Dr. Latrice Bowman
University of Alaska Fairbanks</td>
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1:00 – 1:45 ET	**3A** **Working with Administrators: How to Co-Exist in the Time of Reform** Change is a constant in developmental education, particularly with more states creating mandates to increase completion. This session will look at common issues between faculty and administrators and their causes. Actionable tips will be provided to support faculty as they work with administrators in the constant state of reform. Kathleen Almy Rock Valley College Rockford, IL PD	**3B** **Statistics – Then and Now** Technology has changed the way statistics is taught. The presenter will discuss these changes and their impact on students. Examples will be shared of teaching a modern statistics course by incorporating simulation, randomization, and bootstrapping into your Introductory Statistics class to help students develop intuitive understanding of inferential statistics. George Woodbury College of the Sequoias Clovis, CA ST, TL	**3C** **Helping Pre-Service Teachers enVision Geometry** Experience several geometry activities designed to help make pre-service teachers' classroom experiences engaging and authentic! During this presentation, attendees will participate in hands-on activities where they will derive formulas for area and surface area. These versatile activities can be used in developmental mathematics and quantitative literacy courses, too! Debra Ward Utah Valley Univ Orem, UT Lindsey Gerber Utah Valley Univ Orem, UT TC, MN	**3D** **(sponsored by Hawkes Learning)** **Virtual Courses Require Mastery-Based Solutions –** In today's virtual landscape, how do we ensure that students are truly grasping course content? A competency-based approach to learning is a clear solution that sets goals for students and gives them the flexibility and resources to achieve them. Discover how Hawkes' mastery-based, 3-step approach fosters genuine competency by removing learning aids, adapting to individual proficiencies, providing corrective remediation, and compiling reports that allow instructors to intervene before students fall behind. **Attend to enter to win one of five $25 Amazon.com gift cards!** Kate Wise Hawkes Learning
2:00 – 2:45 ET	**4A** **Planning Units Rather than Lessons** After many years of determining which textbook section lands on which day, the presenter was inspired by workshops utilizing problem-solving "menus," Phil Daro's 2013 talk about "grain size," and backward design principles to rethink course planning. Unit planning successes, challenges, and lessons learned will be shared. Debbie Olson Spokane Falls CC Spokane, WA SM	**4B** **Analyzing Movie and TV Scenes Using Math** Engage students with applications from movie and TV scenes. Class examples lead to students creating their own applications. Student examples will be shared from *Toy Story*, *Harry Potter*, *Spiderman,* and more. Bring your favorite TV show or movie to create your own problems based on the examples used! Pat Riley Hopkinsville CC Hopkinsville, KY SM	**4C** **The Future Is Now: Technology that Increases Social Presence Online** Online classes changed the landscape of education, making education more accessible. A major drawback is the lack of social presence by students and losing the connection with instructors. Online courses can beat this drawback; they can retain their accessibility while having the intangible benefits of student and instructor social presence. Roxanne Brinkerhoff Utah Valley Univ Orem, UT Evelyn Porter Utah Valley Univ Orem, UT TL, SM	**4D** **(sponsored by Hawkes Learning)** **Customizing Courses for an Online Environment** Tailoring any publisher-provided technology offering is often possible to create a more focused learning experience for your students. Join this presentation to learn practical tips and get a walkthrough of customization options to meet the needs of online learners. Get recommendations for online course set up and suggestions on how to create an interactive learning experience, edit pre-built instructional content to engage students, design assessments with personalized settings, build your own questions, and more in Hawkes. **Attend to enter to win one of five $25 Amazon.com gift cards!** Jen O'Brien Hawkes Learning

3:00 – 3:45 ET	**5A** **Culturally Responsive Methods and Activities You Can Use on Monday!** Explore how to increase access to mathematics for underrepresented students. Get activities, identity projects, and a variety of methods to incorporate into your classes right away. Building relationships, challenging stereotypes in word problems, and acknowledging privilege are just a few examples. Ready-to-go materials will be shared. Cara Lee Portland CC Portland, OR EQ	**5B** **Getting the (Des)Most from Students: Desmos Activities in Class & Lab** Desmos classroom activities provide a chance for reflection on student comprehension for both students and instructors. Learn how to ensure maximum student engagement in face-to-face or online classes and labs with student-shared answers, reports, snapshots, and more using Desmos. Use your own computer or tablet to get the full experience. Lorisha Riley Santa Fe College Gainesville, FL TL	**5C** **Saving Future Teachers Money Through OER and Virtual Manipulatives** Do you want to save your preservice teachers money? In this interactive presentation we will share OER resources and tools including the use of virtual manipulatives for our math preservice teachers' courses. You will be engaged as we explore these virtual manipulatives tied with OER activities. Marcia Corby Phoenix College, Phoenix, AZ Krysten Pampel Glendale CC, Glendale, AZ Frank Marfai Phoenix College, Phoenix, AZ TC, TL	**5D** **(sponsored by Hawkes Learning)** **Prerequisites for Implementing Strong Corequisites: A Panel Discussion** With institutions across the country implementing corequisite courses, many are continuously seeking ways to improve the delivery of this model. Join our panelists as they discuss their journey to implement corequisite courses, decisions made along the way, and lessons learned. Our moderator will lead a discussion and pull in live questions from the audience for our panelists!
4:00 – 4:45 ET	**6A** **Teaching Corequisite Courses: Two Years Later and the Lessons Learned** In this session, a corequisite model for Quantitative Reasoning and Statistics will be examined with ideas presented for ongoing improvement. Active learning techniques including group work and lab assignments incorporating a scaffold approach will be presented. Discuss ideas for creating a community of scholars in your corequisite classroom! Sharon North St. Louis CC Florissant, MO MN, PS, SM	**6B** **Fostering Community in Online Quantitative Literacy Courses** Online math students often lack the student-student and student-instructor personal interactions that create a sense of classroom community. This presentation will share some benefits of such interactions and will also share techniques that can be used to enhance the level of community that students experience in online Quantitative Literacy courses. Nolan Outlaw Wake Tech CC Raleigh, NC MN, TL, SM	**6C** **Removing Barriers for Students of Color in the STEM Math Pathway** In this interactive session, participants will engage with a change tool developed in the NSF-funded project Transitioning Learners to Calculus in Community Colleges (TLC3, IUSE 1625918) that will help mathematics programs identify and remove barriers for underrepresented minority students in the STEM math pathway. Helen Burn Highline College Des Moines, WA EQ, MI, RG	**6D** **(sponsored by Hawkes Learning)** **College Algebra & Precalculus Panel Session** With author Dr. Paul Sisson, lead editor Daniel Brauer, and Hawkes Learning's VP of research and development Marcel Prevuznak
5:00 ET	**Fireside Chat: Dr. Paul Nolting, Winning at Math** Join this interview with math study skills expert and author of Winning at Math, Dr. Paul Nolting. With the shift to virtual learning, developing strong study habits is more important than ever for today's students. Learn about variables that affect academic success, how to assess study skills, techniques for addressing test anxiety, and tips for teaching learning strategies to math students. Take away practical insight on how to motivate and equip your students for success.			